



Agenda Item Form

Agenda Date: 04/27/04

Districts Affected: 08

Dept. Head/Contact Information: BYRON E. JOHNSON

Type of Agenda Item:

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Resolution | <input type="checkbox"/> Staffing Table Changes | <input type="checkbox"/> Board Appointments |
| <input type="checkbox"/> Tax Installment Agreements | <input type="checkbox"/> Tax Refunds | <input type="checkbox"/> Donations |
| <input type="checkbox"/> RFP/ BID/ Best Value Procurement | <input type="checkbox"/> Budget Transfer | <input type="checkbox"/> Item Placed by Citizen |
| <input type="checkbox"/> Application for Facility Use | <input type="checkbox"/> Bldg. Permits/Inspection | <input type="checkbox"/> Introduction of Ordinance |
| <input type="checkbox"/> Interlocal Agreements | <input type="checkbox"/> Contract/Lease Agreement | <input type="checkbox"/> Grant Application |
| <input type="checkbox"/> Other _____ | | |

Funding Source:

- ☐ General Fund
- ☐ Grant (duration of funds: _____ Months)
- ☒ Other Source: QUALITY OF LIFE BOND

Legal:

- ☐ Legal Review Required Attorney Assigned (please scroll down): None ☐ Approved ☐ Denied

Timeline Priority: ☒ High ☐ Medium ☐ Low # of days: _____

Why is this item necessary:

To replace Main Library's existing 100-ton old chiller with a more efficient new unit.

Explain Costs, including ongoing maintenance and operating expenditures, or Cost Savings:
N/A

Statutory or Citizen Concerns:

N/A

Departmental Concerns:

NONE

DATE: APRIL 20, 2004

TO: Municipal Clerk

FROM: Byron E. Johnson, C.P.M.
Director of Purchasing x 4313

THRU: Aurora Wells
Interim Bid Clerk ext. 4038

CITY CLERK DEPARTMENT

APR 22 PM 2 33

Byron E. Johnson

Please place the following item on the **CONSENT** agenda for the Council Meeting of **APRIL 27, 2004.**

Item should read as follows:

Change Order No. One (Construction Change) Silverton Construction Company, Inc.
for "Cleveland Square Redevelopment Main Library Addition / Remodeling, New History
Museum & Cleveland Square Park" for an increase amount not to exceed of
\$70,000.00. An increase in the contract amount for the replacing of the Main Library's
existing 100-ton (refrigeration) capacity chiller with a new unit of equal capacity.

Contact person: Miguel Rodriguez, Accounting Technician at 541-4424.

AGENDA FOR: APRIL 27, 2003



CITY OF EL PASO PURCHASING CHANGE ORDER

DATE:	04/20/04	CHANGE ORDER NO.:	01
		<input type="checkbox"/> SCOPE CHANGE	<input checked="" type="checkbox"/> CONSTRUCTION CHANGE
PROJECT:	CLEVELAND SQUARE REDEVELOPMENT	BID NO.:	2004-013
TO (Contractor):	SILVERTON CONSTRUCTION CO., INC.	DEPT. ID#:	508027
		PROJ/GRANT/USER:	PPW0056002
		FUND:	26277
		ACCOUNT:	508027
		PO NO.:	2004006958

You are directed to make the following changes in this Contract:

Replace the Main Library's existing 100-ton (refrigeration) capacity chiller with a new unit of equal capacity.

CHANGE ORDER AMOUNT NOT TO EXCEED: \$70,000.00

Original Contract Sum	\$12,039,150.00
Net Change by previous Change Orders	\$0.00
Contract Sum prior to this Change Order	\$12,039,150.00
Contract Sum will be (increased) (decreased) (unchanged) by this Change Order	\$70,000.00
New Contract Sum, including this Change Order	\$12,109,150.00
Total Net Value of Change Orders To Date	\$70,000.00

Contract Time will be (increased) (decreased) (unchanged) BY () DAYS*

Net Change Order Percentage (Not to exceed 25%) 0.58%






CITY OF EL PASO	ARCHITECT / ENGINEER	CONTRACTOR
TWO CIVIC CENTER PLAZA EL PASO, TX-79901	OFFICE OF PUBLIC ARCHITECTURE	SILVERTON CONSTRUCTION CO., INC
CITY COUNCIL ACTION REQ'D: CIRCLE ONE: YES NO DATE APPROVED: _____		
ENGINEERING DEPARTMENT:		
By: _____ Irene Ramirez, Assistant City Engineer	By: _____	By: _____
Date: _____	Date: _____	Date: _____

* Subject to the terms of the Contract, GENERAL CONDITIONS, SECTION 2.5





Budget Details

Business Unit	Ledger Group	Account	Fund Code	Department	Project	Budget Period
COFEP	APPROP	508027	26277	31130512	PPW0056002	2004

Ledger Amounts

Budget:	6,457,145.00  USD	Max Rows	100
Expense:	161.24  USD	Attributes	
Encumbrance:	6,348,000.00  USD	Parent / Children	
Pre-Encumbrance:	0.00  USD	Associated Budgets	
Associated Revenue:	0.00  USD		

Available Budget

Without Tolerance:	108,983.76  USD	Percent:	(1.69%)  Forecasts
With Tolerance:	108,983.76  USD	Percent:	(1.69%) 

Budget Exceptions

Exception Errors:	0	Exception Warnings:	0	Budget Exceptions
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MAIN LIBRARY CHILLER REPLACEMENT:

SCOPE OF WORK:

Replace the Main Library's existing 100-ton (refrigeration) capacity chiller with a new unit of equal capacity.

The proposed work includes:

- Remove and disconnect the existing electrical and mechanical support systems.
- Remove and dispose of the current unit
- Prepare the rooftop location area to receive the new unit.
- Install the new equipment.
- Provide new connections to the existing electrical and mechanical lines.
- Provide chiller controls that will allow the chiller to interface with the existing City Hall Building Automation System.

This will be a turnkey project. All labor and materials required to make the system fully operational are to be included.

PROPOSED WORK COSTS:	\$55,000
CONTINGENCY	\$ 5,000
PROJECTED TOTAL COSTS	\$60,000

55000
8250
5500
\$ 65,750

79,000

Ratify the C.O.
major action today!!



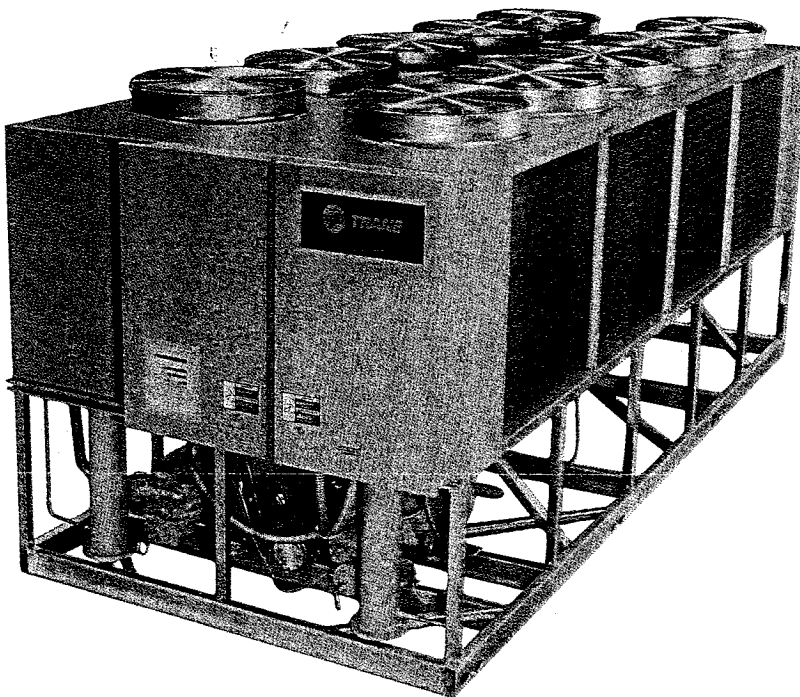
TRANE®

*Proposed
Main Library Chiller*

Air-Cooled Series R™ Rotary Liquid Chiller

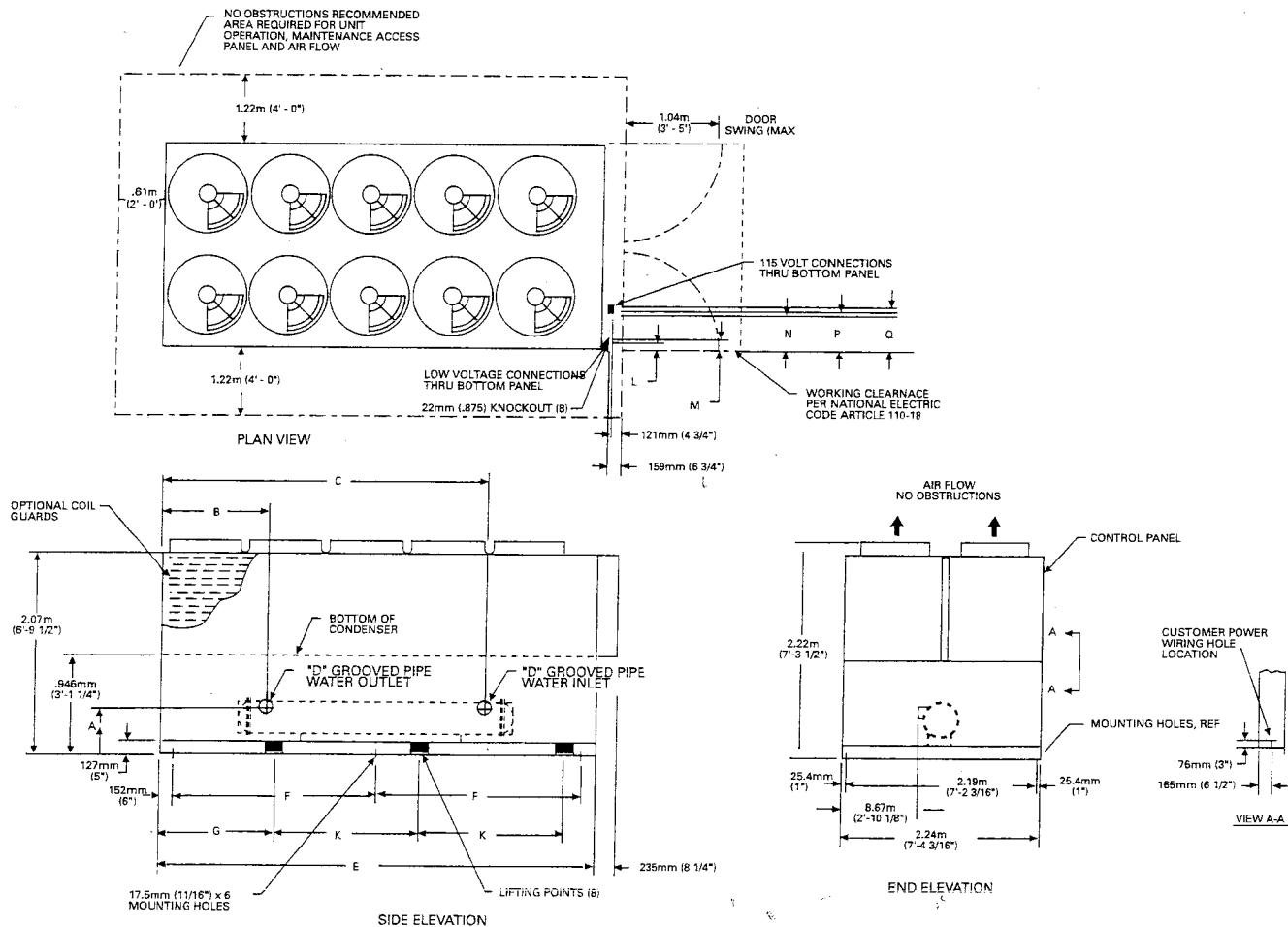
**Model RTAA
70 to 125 Tons**

Built for the Industrial and Commercial Markets



Dimensional Data

Figure D-1 — RTAA 70-125 Unit Dimensions



UNIT SIZE	A	B	C	D	E	F	G	K
70-100	.492m (1'-7 3/8")	1.213m (3'-11 3/4")	2.851m (9'-4 1/4")	102mm (4")	4.940m (16'-2 1/2")	2.317m (7'-7 1/4")	1.549m (5'-1")	1.626m (5'-4")
110-125	.479m (1'-6 7/8")	1.032m (3'-4 5/8")	3.499m (11'-5 3/4")	152mm (6")	5.626m (18'-5 1/2")	2.661m (8'-8 3/4")	1.511m (4'-11 1/2")	1.930m (6'-4")

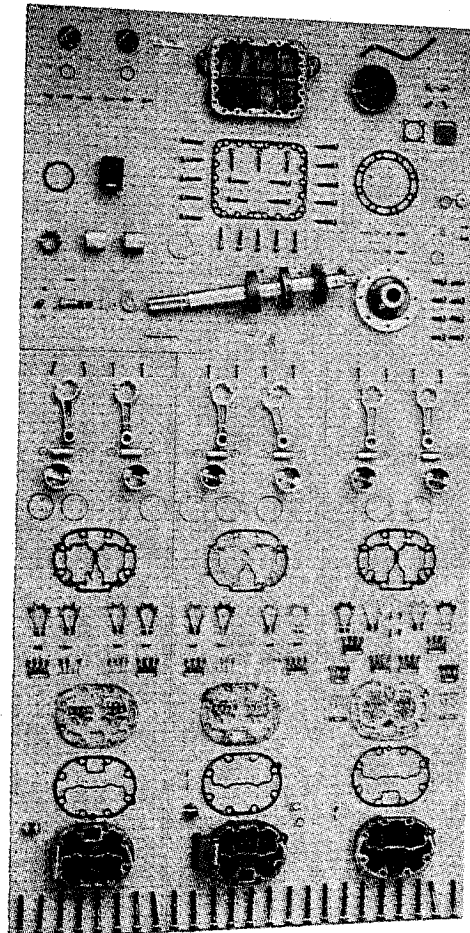
NO. OF FANS PER UNIT					
UNIT SIZE	70	80	90	100	110
NO. FANS	8	8	9	10	10
STD UNIT	8	8	9	10	10

115 VOLT & LOW VOLTAGE CONNECTIONS					
PANEL TYPE	L	M	N	P	Q
X-LINE CONTROL PANEL	.889m (2'-11")	.927m (3'-0 1/2")	1.206m (3'-11 1/2")	1.245m (4'-1")	1.283m (4'-2 1/2")
WYE DELTA CONTROL PANEL	76mm (3")	114mm (4 1/2")	.39m (1'-3 1/2")	.43m (1'-5")	.47m (1'-8 1/2")

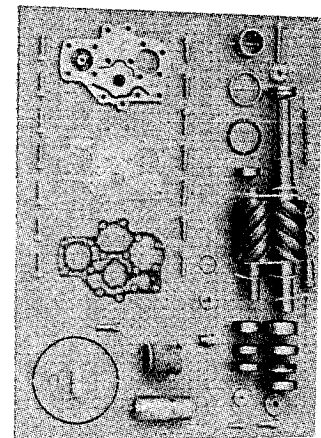
Features and Benefits

RTAA 70-125 Chiller Highlights

- High Reliability, with over 99% compressor reliability rate in the first year of operation, and Adaptive Controls to keep the chiller on line producing cold water during adverse conditions.
- High Efficiency (all units exceed ASHRAE 90.1 efficiency standard).
- Low sound levels.
- Small footprint, with smallest required application space (operating footprint) in the industry.
- Years of research, testing, and successful applications. The Trane helical rotary compressor has amassed thousands of hours of testing, much of it at severe operating conditions. Not to mention the successful application of RTAA chillers for over 11 years, with a developed reputation as the industry standard.
- Trouble free startup through factory testing of compressor and completed chiller and factory installation of chiller accessories.
- $\pm 1/2^\circ\text{F}$ leaving water temperature control, resulting from PID feed-forward controls, and linear load matching, also allowing for 10% flow rate change per minute while maintaining $\pm 1/2^\circ\text{F}$ leaving water temperature control.



Trane helical rotary screw compressor component parts versus reciprocating compressor components.



CONSTRUCTION

Buyer:	ROBERTO	Project Name:	CLEVELAND SQUARE REDEVELOPMENT
BID # :	2004-013	Purchase Order:	PO2004006958
Contractor:	SILVERTON CONSTRUCTION	Funding Source:	
Contract Value:	\$ 12,039,150.00		
Change Orders Value:	\$ -	(Library) Base Bid II (Line 01)	Peoplesoft Accounts: 508027-26277-31130512-31000-PPW0056002
Net Contract Value:	\$ 12,039,150.00	(Museum) Base Bid III (Line 02)	508027-26283-31130565-31000-PPW0058001
Paid to Date:	\$ -	(Park) Base Bid I & IV (Line 03)	508027-26272-31130500-31000-PPW0046008
Contract Balance:	\$ 12,039,150.00	REQUIRES P+3 APPROVAL PRIOR TO PAYMENT	
Percent Paid:	0.00%	Apply pmts to correspondent Base Bids	

PAYMENT HISTORY

Check Date	Invoice No.	Period Ending	Amount	Remarks
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CHANGE ORDER HISTORY

No.	Scope	Construction	Total CO	COs to Date
			\$ -	\$0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00
			0.00	0.00